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JCS 95 U.S. PTO

Please type a plus sign (+) inside this box →  Approved for use through 10/31/2002. OMB 0651-0032  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	P00245USG
First Inventor	ARNTZEN, Charles J.
Title	VACCINES EXPRESSED IN PLANTS
Express Mail Label No.	EL745291130US

09/09/99

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 46]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 11 ]
5. Oath or Declaration [ Total Pages 13 ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6.  Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation    Divisional    Continuation-in-part (CIP)

of prior application No.: 08 / 481,552

Prior application information: Examiner: ZEMAN, R.

Group Art Unit: 1645

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	22885 <small>1100-0000-0000-0000-0000</small>		or	<input type="checkbox"/> Correspondence address below
Name				
Address				
City	State	Zip Code		
Country	Telephone	515-288-3667	Fax	515-288-1338
Name (Print/Type)	Heidi S. Nebel		Registration No. (Attorney/Agent)	37,719
Signature			Date	August 9, 2001

Burden Hour Statement: This form is estimated to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Express Label No. EL745291130US

PTO/SB/17 (11-00)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$ 475.00

## Complete if Known

Application Number	cont. of 08/481,552
Filing Date	August 9, 2001
First Named Inventor	ARNTZEN, Charles J.
Examiner Name	Zeman, R.
Group Art Unit	1645
Attorney Docket No.	P00245USG

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **26-0084**  
 Deposit Account Name Zarley, McKee, Thomte, Voorhees & Sease

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status See 37 CFR 1.27

2.  Payment Enclosed:

- Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	710	201 355 Utility filing fee	355
106	320	206 160 Design filing fee	
107	490	207 245 Plant filing fee	
108	710	208 355 Reissue filing fee	
114	150	214 75 Provisional filing fee	

SUBTOTAL (1) (\$ 355

## 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
11	6		-20** = 3	X 9 = 120	0
			-3** = 3	X 40 =	120

## Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	80	202 40 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	80	209 40 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 120

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205 65	Surcharge - late filing fee or oath	
127	50	227 25	Surcharge - late provisional filing fee or cover sheet	
139	130	139 130	Non-English specification	
147	2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112 920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115	110	215 55	Extension for reply within first month	
116	390	216 195	Extension for reply within second month	
117	890	217 445	Extension for reply within third month	
118	1,390	218 695	Extension for reply within fourth month	
128	1,890	228 945	Extension for reply within fifth month	
119	310	219 155	Notice of Appeal	
120	310	220 155	Filing a brief in support of an appeal	
121	270	221 135	Request for oral hearing	
138	1,510	138 1,510	Petition to institute a public use proceeding	
140	110	240 55	Petition to revive - unavoidable	
141	1,240	241 620	Petition to revive - unintentional	
142	1,240	242 620	Utility issue fee (or reissue)	
143	440	243 220	Design issue fee	
144	600	244 300	Plant issue fee	
122	130	122 130	Petitions to the Commissioner	
123	50	123 50	Processing fee under 37 CFR 1.17(q)	
126	180	126 180	Submission of Information Disclosure Stmt	
581	40	581 40	Recording each patent assignment per property (times number of properties)	
146	710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279 355	Request for Continued Examination (RCE)	
169	900	169 900	Request for expedited examination of a design application	
Other fee (specify) _____				

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

## SUBMITTED BY

Name (Print/Type)	Hilidi S. Nebo	Registration No. (Attorney/Agent)	37,719	Telephone	515-288-3667
Signature	Complete if applicable				
	Date	August 9, 2001			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : ARNTZEN, et al.  
SERIAL NO : 08/481,552  
FILED : June 7, 1995  
TITLE : VACCINES EXPRESSED IN PLANTS  
  
Grp./A.U. : 1645  
Examiner : Zeman, R.  
Docket No. : P00245US5

**NOTIFICATION OF FILING OF CONTINUATION/DIVISIONAL APPLICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Notification is hereby being made of the filing of a application for this case concurrently herewith.

Also, being filed, concurrently, is a request for a three-month extension of time, extending the above-identified pending application to August 9, 2001.

Respectfully submitted,

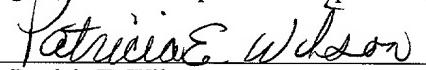


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**CUSTOMER NO: 22885**  
Attorneys of Record

- pw -

**CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))**

I hereby certify this document and the documents referred to as enclosed therein are being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 prior to 5:00 p.m. on the 9th day of August, 2001

  
Patricia E. Wilson  
Express Mail Label EL745291130US